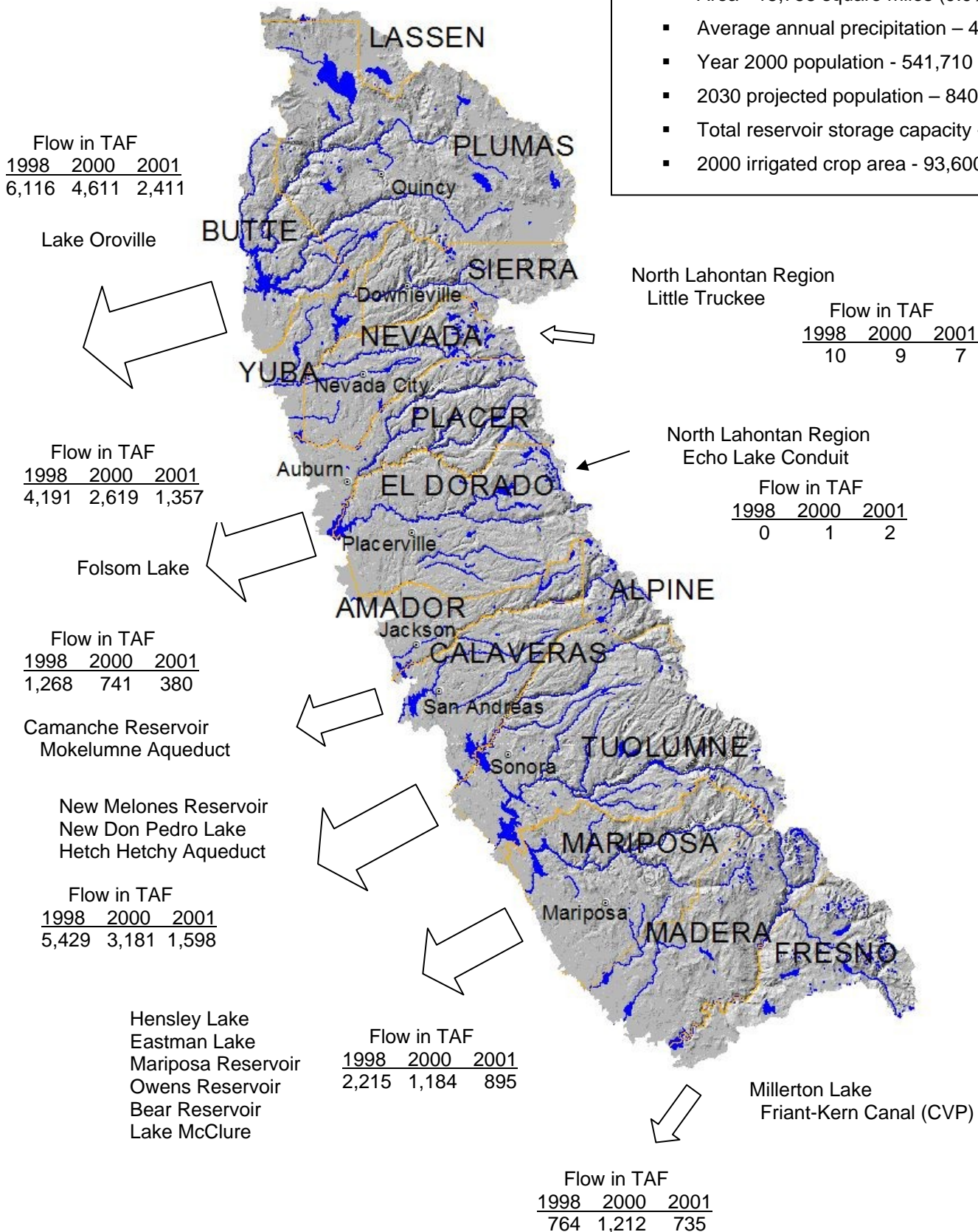


MOUNTAIN COUNTIES

Revised November 8, 2005

Some Statistics

- Area - 15,758 square miles (9.9% of State)
- Average annual precipitation – 42.7 inches
- Year 2000 population - 541,710
- 2030 projected population – 840,025
- Total reservoir storage capacity - 18,185 TAF
- 2000 irrigated crop area - 93,600 acres



MOUNTAIN COUNTIES WATER BALANCE SUMMARY - TAF

Water Entering the Region – Water Leaving the Region = Storage Changes in Region

	Water Year (Percent of Normal Precipitation)		
	1998 (154%)	2000 (107%)	2001 (65%)
Water Entering the Region			
Precipitation	55,206	38,412	23,445
Inflow from Oregon/Mexico	0	0	0
Inflow from Colorado River	0	0	0
Imports from Other Regions	10	10	9
Total	55,216	38,422	23,454
Water Leaving the Region			
Consumptive Use of Applied Water * (Ag, M&I, Wetlands)	237	279	264
Outflow to Oregon/Nevada/Mexico	0	0	0
Exports to Other Regions	19,983	13,548	7,376
Statutory Required Outflow to Salt Sink	1,227	1,090	654
Additional Outflow to Salt Sink	81	174	180
Evaporation, Evapotranspiration of Native Vegetation, Groundwater Subsurface Outflows, Natural and Incidental Runoff, Ag Effective Precipitation & Other Outflows	31,274	24,153	17,781
Total	52,802	39,244	26,255
Storage Changes in the Region			
[+] Water added to storage			
[-] Water removed from storage			
Change in Surface Reservoir Storage	2,420	-802	-2,721
Change in Groundwater Storage **	-6	-20	-80
Total	2,414	-822	-2,801
Applied Water * (compare with Consumptive Use)	402	472	452
* Definition - Consumptive use is the amount of applied water used and no longer available as a source of supply. Applied water is greater than consumptive use because it includes consumptive use, reuse, and outflows.			

****Footnote for change in Groundwater Storage**

Change in Groundwater Storage is based upon best available information. Basins in the north part of the State (North Coast, San Francisco, Sacramento River and North Lahontan Regions and parts of Central Coast and San Joaquin River Regions) have been modeled – spring 1997 to spring 1998 for the 1998 water year and spring 1999 to spring 2000 for the 2000 water year. All other regions and year 2001 were calculated using the following equation:

$$\text{GW change in storage} = \text{intentional recharge} + \text{deep percolation of applied water} + \text{conveyance deep percolation} - \text{withdrawals}$$

This equation does not include the unknown factors such as natural recharge and subsurface inflow and outflow.